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YAMAGISHI WATARU**(54) **MAGNETIC DISK, ITS PRODUCING METHOD
AND MAGNETIC DISK DEVICE**

(57) Abstract:

PROBLEM TO BE SOLVED: To improve the stability of magnetization of servo signals recorded in a magnetic disk for a hard disk drive.

SOLUTION: The servo region 27 formed for each data region 26 consists of a Tb20Fe80 alloy film 24. The Tb20Fe80 alloy film 24 is a ferrimagnetic material and its axis of easy magnetization 28 is perpendicular to the disk face 25. The written servo signals are stably maintained. The data region 26 consists of a Co66Cr24Pt8Ta2 alloy film 23.

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本発明の第1実施例による磁気ディスクを示す図

